

RL: RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
 (prepn. and bromination of)
 IT 99517-11-0P
 RL: PREP (Preparation)
 (prepn. of, for ***laser*** recording ***disks***)
 IT 14918-69-5
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with aminothiophenol potassium salt)
 IT 69738-04-1
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with dichloronaphthazaline)

=> d his

(FILE 'HOME' ENTERED AT 16:57:39 ON 25 APR 2005)
 FILE 'CAPLUS' ENTERED AT 16:57:50 ON 25 APR 2005
 L1 1 S US 2004-0121262/PN
 FILE 'REGISTRY' ENTERED AT 16:58:16 ON 25 APR 2005
 FILE 'CAPLUS' ENTERED AT 16:58:26 ON 25 APR 2005
 L2 TRA L1 1- RN : 19 TERMS
 FILE 'REGISTRY' ENTERED AT 16:58:26 ON 25 APR 2005
 L3 19 SEA L2
 FILE 'CAPLUS' ENTERED AT 16:58:37 ON 25 APR 2005
 L4 105007 S L3 NOT L1
 L5 105008 S L3
 L6 41764 S (OPTICAL OR LASER OR INFORMATION) (5A) (MED? OR DISK OR DISC)
 L7 228 S L5 AND L6
 L8 10 S L7 AND PHOTOCHROM?
 L9 5831 S L4 AND PHENOTHIAZINE
 L10 6 S L9 AND L6
 FILE 'REGISTRY' ENTERED AT 17:03:07 ON 25 APR 2005
 L11 6 S L3 AND PHENOTHIAZIN?
 FILE 'CAPLUS' ENTERED AT 17:05:01 ON 25 APR 2005
 L12 6123 S L11
 L13 10 S L12 AND L6

=> log y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	30.15	119.61
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-7.30	-19.71

STN INTERNATIONAL LOGOFF AT 17:05:40 ON 25 APR 2005

REFERENCE 1

AN 77:19592 CA
TI Synthesis and properties of the dibenzo[c,h]phenothiazinyl radical
AU Brandt, Josef; Fauth, Guenter; Franke, Walter H.; Zander, Maximilian
CS Max-Planck-Inst. Kohlenforsch., Muelheim/Ruhr, Fed. Rep. Ger.
SO Chemische Berichte (1972), 105(4), 1142-7
CODEN: CHBEAM; ISSN: 0009-2940
DT Journal
LA German
CC 28-15 (Heterocyclic Compounds (More Than One Hetero Atom))
Section cross-reference(s): 22
GI For diagram(s), see printed CA Issue.
AB Dehydrogenation of 7H-dibenzo[c,h]phenothiazine (I) with yellow HgO gave
the stable free radical 7H-dibenzo[c,h]phenothiazin-7-yl (II). By ESR,
the free radical content at room temp. in soln. and cryst. state was detd.
to be 64 and 6%, resp. The complex ESR spectrum of II soln. was discussed
in relation to Hueckel calcns. A 1:1 molar I-II adduct in the crystn.
state exhibited a radical content of 72%.
ST dibenzophenothiazinyl radical ESR prepn
IT Electron spin resonance
(of dibenzophenothiazinyl, Hueckel calcns. in relation to)
IT 31507-33-2P 37411-98-6P 37412-00-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
IT 26237-92-3
RL: PRP (Properties)
(spectrum of, uv)

=> d his

(FILE 'HOME' ENTERED AT 17:28:01 ON 25 APR 2005)

FILE 'REGISTRY' ENTERED AT 17:28:06 ON 25 APR 2005

L1 STRUCTURE UPLOADED
L2 STRUCTURE UPLOADED
L3 STRUCTURE UPLOADED
L4 1 S L2 SSS FULL
L5 14 S L3 SSS FULL

FILE 'CAPLUS' ENTERED AT 17:29:22 ON 25 APR 2005

L6 4 S L5

FILE 'REGISTRY' ENTERED AT 17:29:34 ON 25 APR 2005

L7 2878 S L1 SSS FULL
L8 10 S L7 AND (TETRAIODIDE OR TRIIODIDE)

=> log y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	222.32	557.52
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-6.80	-9.72

STN INTERNATIONAL LOGOFF AT 17:31:48 ON 25 APR 2005